



406869

Former Plainwell Impoundment Time-Critical Removal Action Weekly Construction Update

Progress Report #40—March 31, 2008

Work Completed: March 20-March 26, 2008

- Completed remobilizing equipment and personnel to the Site for soil and sediment removal and processing activities.
- Installed resuspension control measures in Removal Area 13B.
- Began removal of soil/sediment from the downstream-most 200 feet of Removal Area 13B.
- Began loading and transporting non-TSCA stumps and root mass accumulated from clearing and grubbing activities to both Allied Waste's Ottawa County Farms landfill and their C&C landfill.
- Continued installing the WCS Scour Protection System.
- Inventoried and replaced missing designated Michigan DNR river closure markers. A new river closure sign was installed on the US-131 bridge.
- Started the water column sampling program at the 10th Street Bridge and the Farmer Street Bridge.

Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities				
Date	Estimated Quantity TSCA-material (cubic yards)	Number of Truck Loads TSCA-material	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	70	0	595	17
2008 Total	70	0	2940	84
Project Total to Date	3,150	90	36855	1053

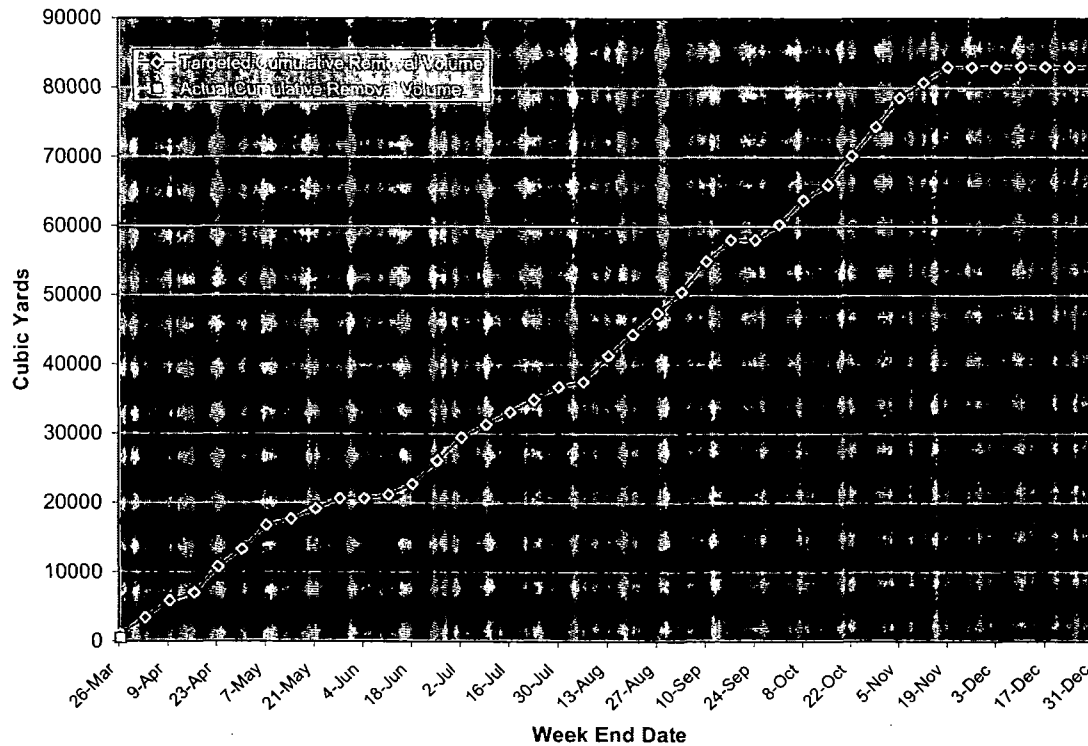
** All values are unofficial, estimated quantities, subject to revision/verification.

Work Planned: March 27-April 2, 2008

- Complete removal of soil and sediment from the downstream-most 200 feet of Removal Area 13B.
- Install geosynthetics over the subgrade of Staging Area 4N, weather permitting.
- Begin installing resuspension control measures in Removal Area 9B.
- Continue loading and transporting non-TSCA stumps and root mass accumulated from clearing and grubbing activities.
- Complete installation of the WCS Scour Protection System (excluding grout for articulated mat seams).

**Former Plainwell Impoundment
Time-Critical Removal Action
Weekly Construction Update
Progress Report #40
Page 2 of 8**

Removal Progress

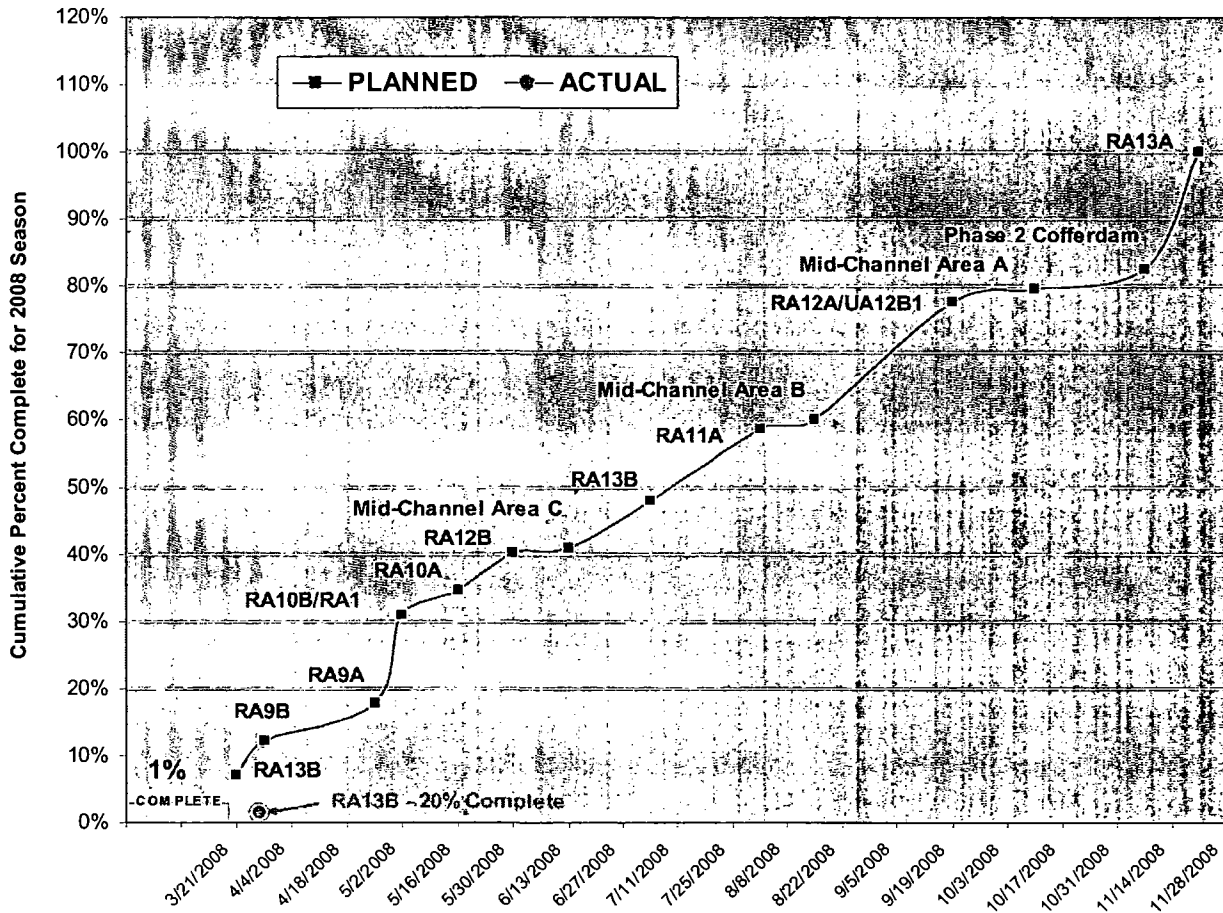


Notes:

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed are below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBLES 4/30/07 Plainwell TCRA Construction Schedule.

Removal Progress



Notes:

For Areas where removal is less than 100%, the data point shown is an estimate based on area and volume considerations.

'Complete' is defined as removal of all targeted materials as detailed in the Plainwell TCRA Design Report.

Health & Safety Update

- 2 Loss Prevention Observations (LPOs) were completed during this period.
A total of 118 LPOs have been completed for the project to date.

Weather Summary

- Work activities were cancelled on March 21st and March 22nd due to inclement weather conditions. Installation of geosynthetics at Staging Area 4N has been delayed until air temperatures rise above 40 degrees Fahrenheit; this is the temperature threshold for conducting dual wedge welding of the liner materials.
- Frost laws in the State of Michigan are temporarily limiting the movement of large equipment and waste materials over public roads. Frost laws are seasonal weight restrictions enacted to help preserve and protect the road systems throughout Michigan during the thawing and refreezing cycles common in the Spring. It is anticipated that frost law limitations will be in effect for the next two weeks.

Environmental Monitoring and Construction Quality Assurance Testing

Resuspension/Turbidity Monitoring:

Testing Performed this Week? No ☐ Yes ☒
Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Dewatering System Discharge Monitoring:

Discharge Flow: 0 gallons
Testing Performed this Week? No ☒ Yes ☐
Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Excavation Verification Sampling:

Testing Performed this Week? No ☒ Yes ☐ in
Cleanup Standard Achieved? N/A ☒ Yes ☐ No ☐ If no, explain:

Issues Encountered/Solutions Advanced

- None.

**Former Plainwell Impoundment
Time-Critical Removal Action
Weekly Construction Update
Progress Report #40
Page 5 of 8**

Equipment on Site

Equipment	3/20/08	3/21/08	3/22/08	3/23/08	3/24/08	3/25/08	3/26/08
Komatsu PC-300 Excavator	2	2	2	2	2	2	2
Komatsu PC-300 HD Long Reach	1	1	1	1	1	1	1
Komatsu PC-200 Excavator	-	-	-	-	-	-	-
John Deere JD-50 Mini-Excavator	-	-	-	-	-	-	-
John Deere JD-450 Dozer	-	-	-	-	-	-	-
John Deere JD-700 Dozer	-	-	-	-	-	-	-
Komatsu D37 Dozer	1	1	1	1	1	1	1
Komatsu D61 Dozer	1	1	1	1	1	1	1
Komatsu D65 Dozer	-	-	-	-	-	-	-
Volvo P-180 Loader	1	1	1	1	1	1	1
Komatsu 380 loader	1	1	1	1	1	1	1
CAT 328 Loader (King)	-	-	-	-	-	-	-
FAVCO 40-ton Crane	1	1	1	1	1	1	1
American 80-ton Crane (King)	-	-	-	-	-	-	-
2,000 Gallon Water Truck	1	1	1	1	1	1	1
Smooth Drum Roller	-	-	-	-	-	-	-
John Deere Skidsteer	1	1	1	1	1	1	1
Vermeer Chipper	-	-	-	-	-	-	-
Komatsu 400 Articulating Dump Truck	1	1	1	1	1	1	1

**Former Plainwell Impoundment
Time-Critical Removal Action
Weekly Construction Update
Progress Report #40
Page 6 of 8**

Personnel, Regulatory Staff, and Visitors on Site

Individual/Affiliation	3/20/08	3/21/08	3/22/08	3/23/08	3/24/08	3/25/08	3/26/08
Terra Contracting Staff	15	15			15	15	15
Jim Saric/USEPA							
Michael Berkoff/USEPA							
Mike Ribordy/USEPA OSC							
Tom Crosetti/USEPA							
Paul Bucholtz/MDEQ							X
John Bradley/MDEQ							
Judith Gapp/MDEQ							
John Lerg/MDNR							
Sharon Hanshew/MDNR							
Lisa Williams/USFWS							
Weston Contractors	X	X			X	X	X
CDM Contractors	X						
Chase Fortenberry/KRSG	X						
Mark Brown/KRSG							
Steve Garbaciak/ARCADIS							
Adam Chwalibog/ARCADIS	X				X	X	X
Eric Hritsuk/ARCADIS	X						X
Rich Price/ARCADIS							
Matt Bowman/ARCADIS	X						X
EJ Suardini/ARCADIS	X				X	X	X
Mike Kohagen/ARCADIS	X	X			X	X	X
Michelle Rumler/ARCADIS	X	X			X	X	X
Joe Willoughby/ARCADIS							
Ben Lawrence/ARCADIS							
Nick Harmer/ARCADIS	X				X		
Other Subcontractors (Specify)							
King Co.							

Photos from Week #40



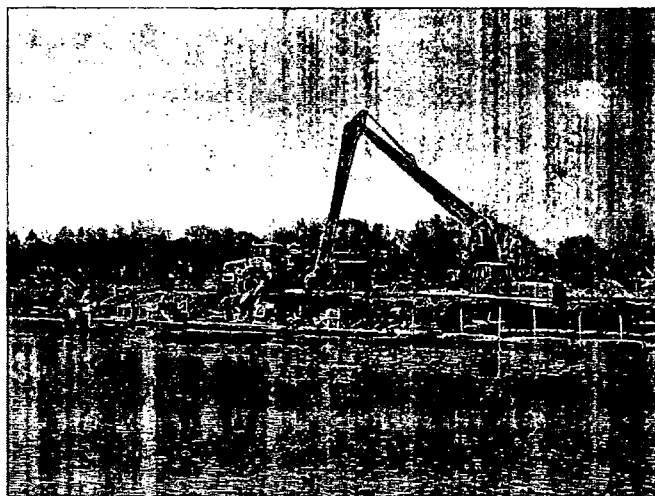
Installing cabled concrete mats for the WCS
Scour Protection System.



Installing resuspension control measures in
Removal Area 13B.



Loading non-TSCA stumps and root mass
near Staging Area 3S.



Removing soil and sediment in Removal Area 13B.

